

Calendar

Monday, May 2

2:30 p.m. Particle Astrophysics Seminar - Curia II

Speaker: G. Gratta, Stanford Linear Accelerator Center

Title: Fishing Neutrinos at the Bahamas

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: Beam Loss Monitor Upgrades

Tuesday, May 3

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Weather



Chance Sprinkles/Flurries **48°/31°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Tevatron Achieves New Record Luminosity

The accelerator operators broke twice the Tevatron luminosity record this week. On Wednesday, they achieved a peak luminosity of $119 \text{ E30 cm}^{-2}\text{sec}^{-1}$. And on Friday at 9:53 a.m., they set a record of $122 \text{ E30 cm}^{-2}\text{sec}^{-1}$. The last record of $113 \text{ E30 cm}^{-2}\text{sec}^{-1}$ was set on March 18.

Fermilab Receives Two Awards from the National Safety Council



Fermi Site Manager Joanna Livengood (right) presented Mike Witherell (center) and Bill Griffing (left) with the two safety awards on Friday. (Click on image for larger version.)

On Friday, April 29, Fermi Site Manager Joanna Livengood presented two National Safety Council awards to Fermilab Director Mike Witherell and ES&H Head Bill Griffing. "These are outstanding accomplishments for which everyone at the laboratory can be proud," Livengood said.

The first plaque is an Excellence Achievement Award that recognizes Fermilab for outstanding safety performance during 2004. The second award is a Certificate of Merit for outstanding safety practices during the installation of the NuMI project, which

Safety Tip of the Week

Oh, My Aching Back



Most back injuries can be avoided by being careful when doing heavy lifting. (Click on image for larger version.)

In recent years, Fermilab has experienced great success in reducing its rate of occupational injuries. By maintaining our focus on the major contributors to workplace incidents, we hope to further chip away at this statistic. Low back pain is a good place to look. Since 1984, 14% of our OSHA-recordable cases have been back injuries. In addition, these injuries accounted for 38% of the days away from work and 28% of the restricted duty days.

Dr. John Foxen of Fermilab's Medical Department notes that most people he sees with back injuries realize that they were doing something that was likely to hurt their backs. Heavy lifting in an awkward position is a common scenario. In many cases the injury could have been prevented if the worker had simply thought about what they were about to do.

People who are in good shape are less likely to injure their backs. Even activities as simple as regular walking strengthen muscles in the abdomen and back. Many people tend to get professional help

Monday, May 2

Minestrone

Chicken & Mushroom Cheese Steak

\$4.75

Baked Chicken Enchiladas \$3.75

Pot Roasted \$3.75

Smoked Turkey Panini Pesto Mayo \$4.75

Assorted Sliced Pizza \$2.75

Pacific Rim Rice Bowl \$4.75

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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took place over five years without a lost time injury and only one recordable injury. This tremendous accomplishment included the installation of 700 shield blocks (7600 tons), 14 magnets (4-6 tons each) and 282 steel plates (3 tons each) in a 1000 foot tunnel that is 300 feet underground.

"The Certificate of Merit recognizes the outstanding efforts of all the people in the NuMI project," Livengood said. "Excellence in performance and safety go hand in hand."

- *Elizabeth Clements*

K.C. Kirksey Retires, Plans To Chill Out and Travel

K.C. Kirksey of PPD retired Monday, April 4, after working at Fermilab since 1971. He started doing temp work in 1970, and was hired full time the next year. He spent most of his time at the Industrial Area, but also worked at CDF and the Muon Factory. "It was a good place to work," he said. "I've been getting up and going there every morning for 33 years now. I'm going to miss that." Kirksey plans to spend his retirement "chilling out and traveling," and is considering a move back to his native Alabama.

- *Eric Bland*

Milestones

Retired

- Andrew Oleck, TD, May 2, 2005

Accelerator Update

whenever their backs hurt. Though we certainly want to see any lab employee who believes they were injured on the job, most people with uncomplicated back injuries recover completely within a week or two, whether or not they receive any treatment. Usually, application of cold packs, OTC pain medications and a rapid resumption of normal activities will lead to the quickest recovery. However, professional help should be sought ASAP if your back pain is rapidly worsening, prohibits normal functioning, is accompanied by sensation loss, leg weakness, or disturbed bladder or bowel function.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Announcements

Service Opportunity

Elder Care, a facility in Madison, Wisconsin for developmentally disabled adults and senior citizens, is seeking the help of a Fermilab scientist. Every Thursday, Elder Care puts on a TV variety show on a local cable channel station. Once a month, the show is about science. Elder Care would like to find a scientist who would be willing to send a short science update to them once a month. Emailing a paragraph about the latest, exciting things happening at Fermilab once a month is all that they need. If you are interested in this service opportunity, contact [Elizabeth Clements](#).

Retirement Party for Bill Medley and Mike Kerwin

There will be a retirement party for Bill Medley of the Village Machine Shop and Mike Kerwin of MW9 on Friday, May 13 at

April 27 - April 29

- During the 48 hour period Operations established one store that provided the experiments approximately 32 hours and 13 Minutes of luminosity
- Store 4116 set New Record with a luminosity of 119.03E30
- TeV suffers from C4 QPM and power supply problems

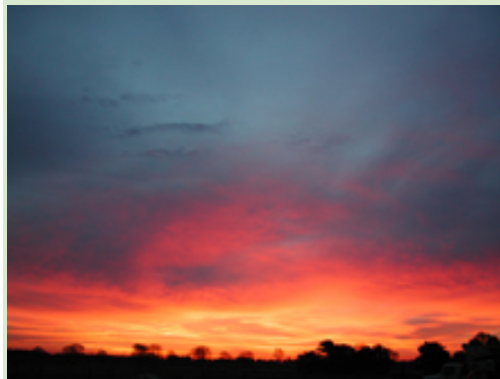
[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Photo of the Day

Sunrise at Fermilab



(Click on image for larger version.) (Photo Courtesy of Doug Kelley)

In the News

From the *Washington Post*, April 29, 2005

Curiosity Abounds, and Science Is Thriving

The gloomy thesis advanced in the April 10 Outlook article "Our Incredible Shrinking Curiosity" does not hold up under an objective survey of America's science enterprise. Research and development budgets have increased 45 percent since 2001, to a historic high of \$132.3 billion in President Bush's fiscal 2006 budget proposal. Within that total the category that Rick Weiss called "curiosity-driven" has increased 26 percent, to \$26.6 billion.

noon at the Venice Tavern (formerly Charlie Foxes) in Batavia on 32 North River Street. The cost per person is \$17.00, which includes an all you can eat buffet, tax, tip and gifts. If you would like to attend, contact Carl Penson x3712 or Wes Tollefson x3233 by May 9.

Register Now for EPP2010 Meeting at Fermilab May 16

The committee for the National Research Council's decadal study of particle physics, [EPP2010](#) will hold its third meeting at Fermilab on May 16. The Committee asks all those who plan to attend to [register now online](#) to allow organizers to plan for the meeting. There is no fee for registration. The agenda can be found at [online](#).

Accelerated C++ Short Course

On June 7, Fermilab will offer the first session of Accelerated C++: A Short Course in Practical Programming by Example. The Short Course is an extended professional development experience that emphasizes computer programming in modern standard C++. No tuition is charged; the only cost is for the required textbooks. A subsidy is available for most graduate students. All course participants receive TRAIN credit upon successful completion. Walter Brown, who participates on Fermilab's behalf in the international C++ standardization effort, is the course instructor. He is a member of the Computing Division's CEPA department. Course registration is now open.

[more information](#)

Brown Bag Seminar This Wednesday

There will be a Brown Bag Seminar on Wednesday, May 4 from noon to 1:00 p.m. in One West. Wellness Works will

These numbers represent a huge commitment to science and technology, including basic research. Choices always have to be made about what research promises the greatest science payoff, given the technology available, and what offers the greatest promise for new technologies.

[read more](#)

present, "Predicting the past; Remembering the future." The presenter, Sam Weller, is the author of "The Bradbury Chronicles" the recently published, authorized biography of Ray Bradbury.

[Upcoming Activities](#)